

LISTING OF THE CLAIMS

Please amend claims 1-10 as indicated below. This listing of claims replaces all prior versions.

1. (Currently Amended) A filter circuit comprising
an input (12) and an output (14) and
at least two first and second resonators (16, 18), one of which ~~one resonator (16)~~
is coupled to the input (12) and the other of which ~~one resonator (18)~~ is coupled to the
output (14),

wherein each resonator (16, 18) has, as frequency determining elements, a first
straight microstrip section (28), a second straight microstrip section (30) and a capacitor
assembly (22),

wherein, in each resonator, (16, 18) the capacitor assembly (22) is connected
between ~~in each case~~ first ends of the microstrip sections (28, 30), and ~~each resonator is~~
~~exclusively connected to ground at the~~ second ends of the microstrip sections (28, 30) are
connected to ground,

and wherein the first and second microstrip sections (28, 30) in each regulator are
arranged in parallel next to one another,

and wherein ~~in each case~~ one of the microstrip sections (30) of the first resonators
(16, 18) is electromagnetically coupled to at least one of the microstrip sections (30) of a
~~further~~ the second resonator (16, 18) by the microstrip sections (30) of the resonators
being arranged in parallel next to one another and at a distance apart.

2. (Currently Amended) A filter as claimed in claim 1, in which the capacitor assembly of
each regulator (22) comprises at least one variable capacitor (24).

3. (Currently Amended) A filter as claimed in claim 2, in which the capacitor assembly of
each regulator (22) comprises a series circuit of a fixed capacitor (26) and ~~[[a]]~~ the at
least one variable capacitor (24).

4. (Currently Amended) A filter as claimed in claim ~~[[2]]~~ 1, in which the capacitor assembly of each regulator (22) comprises a capacitance diode (24) which is connected to a variable voltage (~~VT~~) via a high impedance resistor R.

5. (Currently Amended) A filter as claimed in claim 1, in which the first and second microstrip sections (28, 30) in each resonator have the same length.

6. (Currently Amended) A filter as claimed in claim 1, in which ~~in each case~~ one of the microstrip sections (28, 30) of the first resonators ~~(16, 18)~~ is coupled exclusively electromagnetically to ~~in each case~~ one of the microstrip sections of ~~a further~~ the second resonator (16, 18).

7. (Currently Amended) A filter as claimed in claim 1, in which between the input (12) and the output (14) there is a filter response of an order that corresponds to half the number of microstrip sections (28, 30) of the resonators ~~(16, 18)~~.

8. (Currently Amended) A filter as claimed in claim 1, in which the microstrip sections (28, 30) are attached to a front side of an insulating substrate, in which a conductive layer on the rear side is connected to ground, wherein the first and second microstrip sections (28, 30) each have at their second end a through-connection (52) to the rear side of the substrate.

9. (Currently Amended) A filter as claimed in claim 1, in which the input (12) is coupled to ~~[[a]]~~ the first resonator (16),

wherein the input is connected to a coupling microstrip (32) which runs at right angles to the microstrip sections (28, 30) of the resonators (16, 18),

and wherein the coupling microstrip (32) intersects the first microstrip section (28) of the first resonator (16).

10. (Currently Amended) A filter as claimed in claim 1, in which the input (12) is coupled to ~~[[a]]~~ the first resonator (16),

wherein the input (12) is connected to a first coupling microstrip (42) which runs at right angles to the microstrip sections (28, 30) of the first resonator (16),

and wherein the first coupling microstrip (42) is connected to a second coupling microstrip (44) which runs in parallel next to and is electromagnetically coupled to the first microstrip section (28) of the first resonator (16) ~~and is electromagnetically coupled to the latter.~~